Modernizing H.B. Fuller’s Integration Landscape with BTP and Accelerating Their S/4HANA Migration

April 2024

Digital Transformation | Data & Analytics | Managed Services

GyanSys

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Agenda

1. Introductions
2. Migrating PI/PO to BTP Integration Suite: Reasons and Benefits
3. Solution Approach, Methodology, & Architecture
4. Challenges, Lessons Learned, and Key Takeaways
5. Q&A

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Introductions

GyanSys
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GyanSys
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Director – Organizational Change Management

Houston, Texas

GyanSys
Sameer Padhan
Integration Architect

Dallas, Texas

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GyanSys Snapshot

Big Enough to Deliver. Small Enough to Care.

Founded

2005

2,000+
Employees

- GyanSys is privately held
- GyanSys has no external investors, debt, or margin pressure

Professionals Worldwide
(Projects Delivered Successfully Across 30+ Countries Worldwide)

North America (US & Canada)	**550+**
Asia (India, Philippines, Singapore, Vietnam)	**1,300+**
Europe (Germany, Switzerland, UK)	**50+**
South America (Argentina, Brazil, Chile, Colombia, Mexico)	**150+**

SAP Practice Team Size	**1,500+**
S/4 Projects Delivered (incl. S/4HANA Private & Public Clouds)	**50+**

Gartner mentioned GyanSys as an honorable mention as an **SAP S/4HANA Application Services, Worldwide,** provider in their ***"Magic Quadrant for SAP S/4HANA Application Services, Worldwide"*** report.

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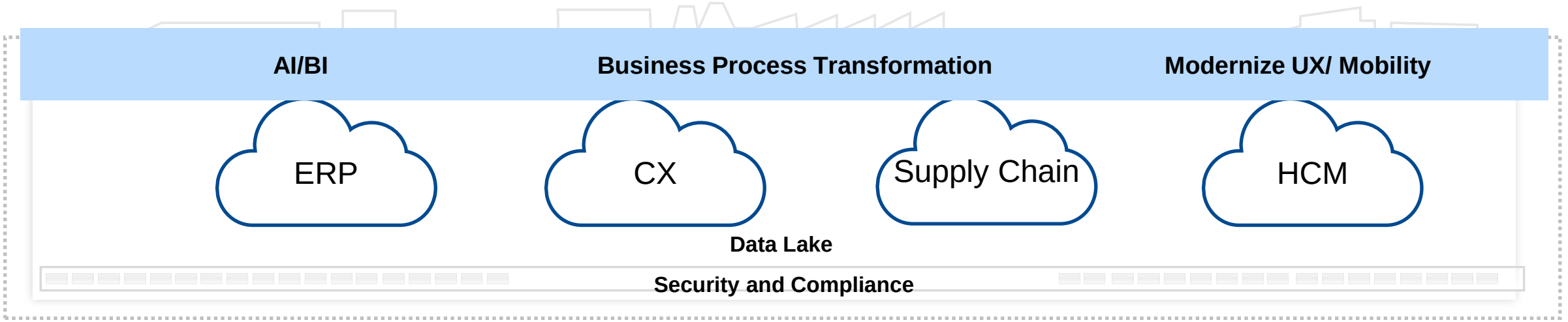
GyanSys Digital Transformation Practices

Digital Supply Chain	Digital Manufacturing	Customer Experience	Spend Management	Financial Management	People Management



GyanSys Practices

SAP / S4	PLM	SAP CX	Salesforce
ISBN /DSC	SAP PM	Analytics and Data	eCommerce
BTP	Project Management & OCM	Integration	Success Factors

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Business Technology Platform (BTP) Practice Snapshot

Global Team	**500+**
No. of Clients Worldwide	**150+**
Resources	**Global**

Our Services

- Application Development & Automation
- Extended Planning & Analysis (xP&A)
- Data and Analytics
- Integration
- Artificial Intelligence
- Business Process Modelling & Mining

Technology Offerings

- SAP Build Apps, Process Automation, Work Zone
- SAP Analytics Cloud
- BPC
- Business Network SCC
- HANA Cloud Platform
- Datasphere
- Master Data Governance
- BusinessObjects BI
- BW/4HANA
- Data Intelligence
- Integration Suite
- Extension Suite
- Process Orchestration
- AI Business Services, Core, and Launchpad

Some of Our Customers

Panasonic, Toyo Tires, Delta, Advanced Composites, H.B. Fuller, IDI Distributors, Securitas, Mohawk, Avaya, Scotts Miracle-Gro, vistaprint, Domino's, Foxconn, ashirvad by aliaxis, Nihon Kohden, Allison Transmission, Maui Jim, Kimball International, ACCO Brands, ecobat, crocs, dormakaba, Pampa energía, comgas, reckitt, Mead Johnson Nutrition, Stanley Black & Decker, TGS, YPF, raizen, cosan limited, aes

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BTP: Innovation platform

BTP	Features and Applications				
UX	Chatbots	Process Automation	Low code Application Development	Portals and Mobile Apps	FIORI
Integration	Connect Applications	Real-Time Events	Integrate Master Data	CI/CD	Connect Any Data Source
Planning & Analytics	Planning	Data Science	Unify Data & Analytics	Self-Service Analytics	Augmented Data Analytics
Data	Data Orchestration	Cloud Data Warehouse	Self-Service Data	Manage Master Data/Automation	Data Privacy & Protection
Artificial Intelligence	Manage AI	Automatic Translation	Document Analysis	Ticket Routing	Train & Deploy ML Models

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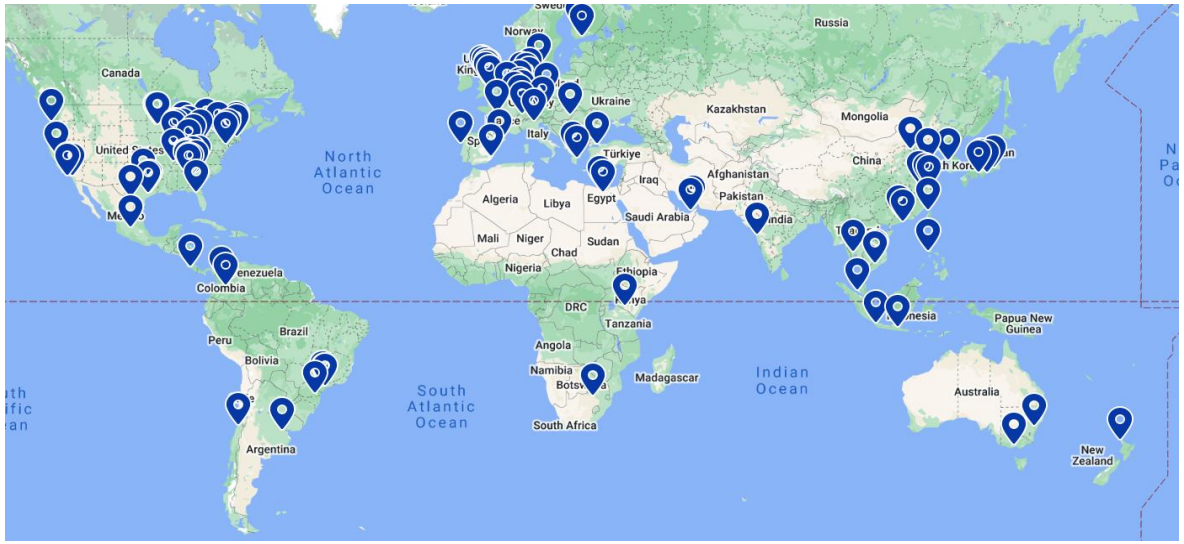
About the Customer

About H.B. Fuller –
Revenue: $4-5B USD | Industry: Chemicals |
Employees: 7,000+

Products:
Adhesives, sealants, and other specialty chemical products for packaging, hygiene, construction, automotive, electronics, and more.



H.B. Fuller was founded in 1887 by Harvey Benjamin Fuller in a railroad car in Minnesota, initially producing wallpaper paste.

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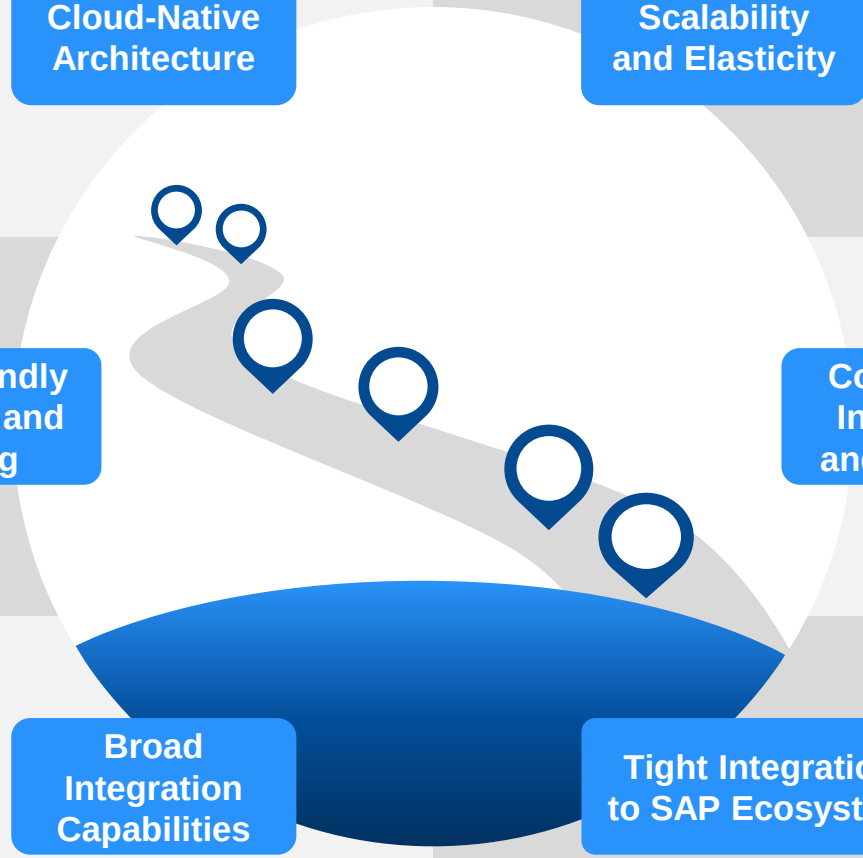
Reasons to Migrate from PI/PO to BTP Integration Suite

Cloud-Native Architecture

- Cloud-native: Built on cloud infrastructure, offering elasticity and high availability.
- Benefits: Includes auto-scaling, fostering agility and resilience.
- Microservices focus: Enhances integration with other cloud services.

Scalability and Elasticity

- Horizontal Scalability to counter demand.
- No need of manual intervention or over-provisioning of Infrastructure.
- Flexible Pricing Model



User-Friendly Interface and Tooling

- Intuitive user interfaces and development tools.
- Drag-and-drop interfaces, and pre-built integration templates.

Continuous Innovation and Updates

- Rapid pace of innovation and continuous updates
- Features, enhancements, and optimizations to the platform.

Broad Integration Capabilities

- API management: Design, publish, and secure APIs.
- Data integration: Connect and transform data across systems.
- Process orchestration: Automate business workflows.
- Event-driven architecture: Build reactive integrations.
- Connectivity: Link on-premise, cloud, and external systems.

Tight Integration to SAP Ecosystem

- Facilitates end-to-end business processes between SAP and Non-SAP interfaces.

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How does migrating PI/PO to BTP Integration Suite aid S/4 implementations?

Improved Integration Capabilities

- Offers broader range of connectivity options: cloud-native integrations, API management, and event-driven architectures.
- Ensures smoother integration of SAP S/4HANA with other systems, applications, and data sources.

Simplified Development & Monitoring

- Offers intuitive development tools and monitoring capabilities
- Developers can use pre-built connectors, templates, and APIs to accelerate integration development, reducing time-to-market for S4 implementations.
- Advanced monitoring features provide real-time visibility into integration flows

Enhanced Scalability and Performance

- Leverages the scalability and performance benefits of cloud infrastructure.
- Handles larger volumes of data and transactions, ensuring optimal performance even during peak loads.

Hybrid Landscape Support

- Seamlessly integrate both on-premises and cloud-based systems.
- Enables a phased approach to S/4 implementation

Future-Proofing Investments

- SAP invests in and innovate its cloud platform, ensuring that customers have access to the latest technologies and capabilities.
- Ensures that integration solutions remain up-to-date

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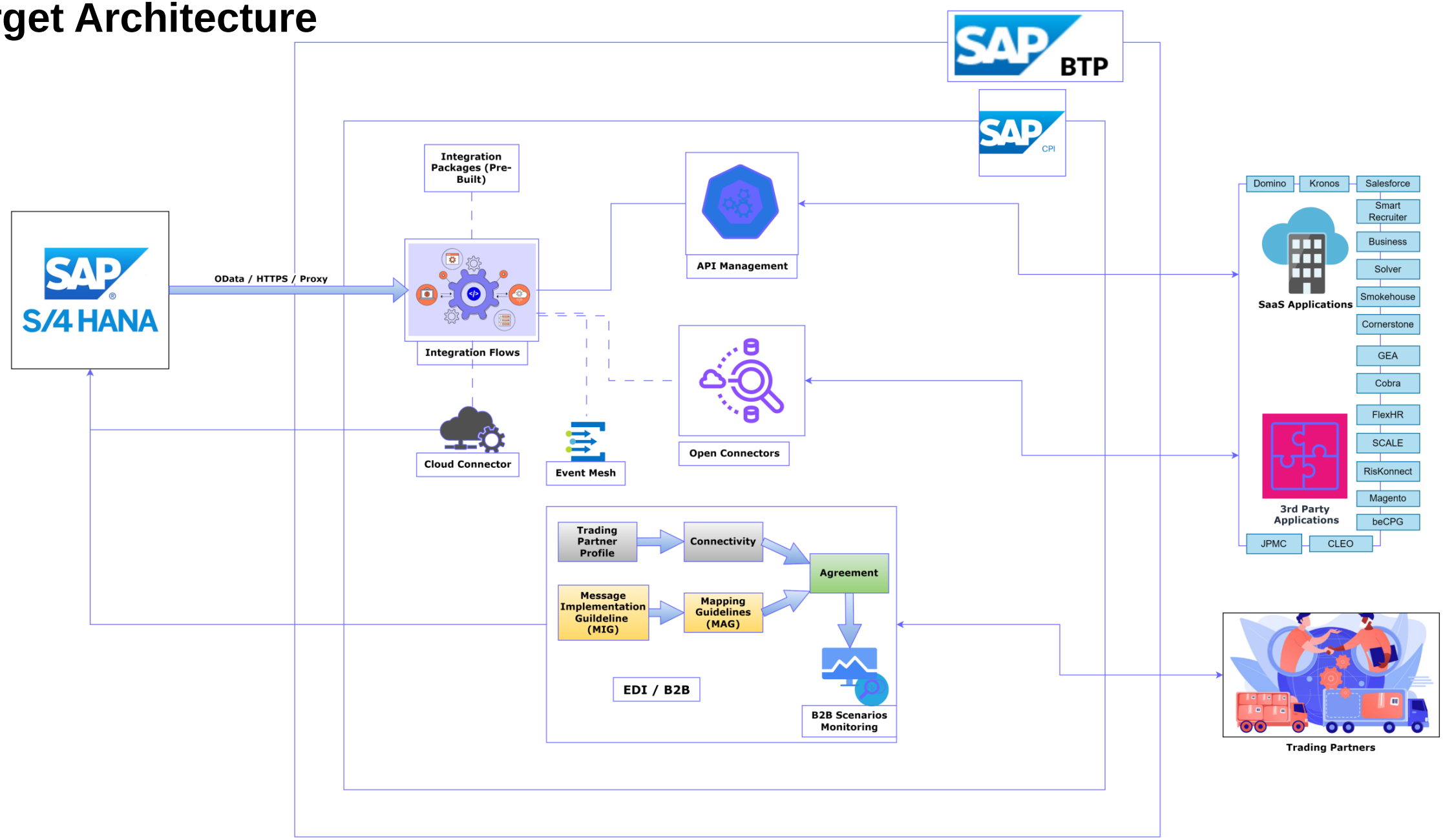
Target Architecture



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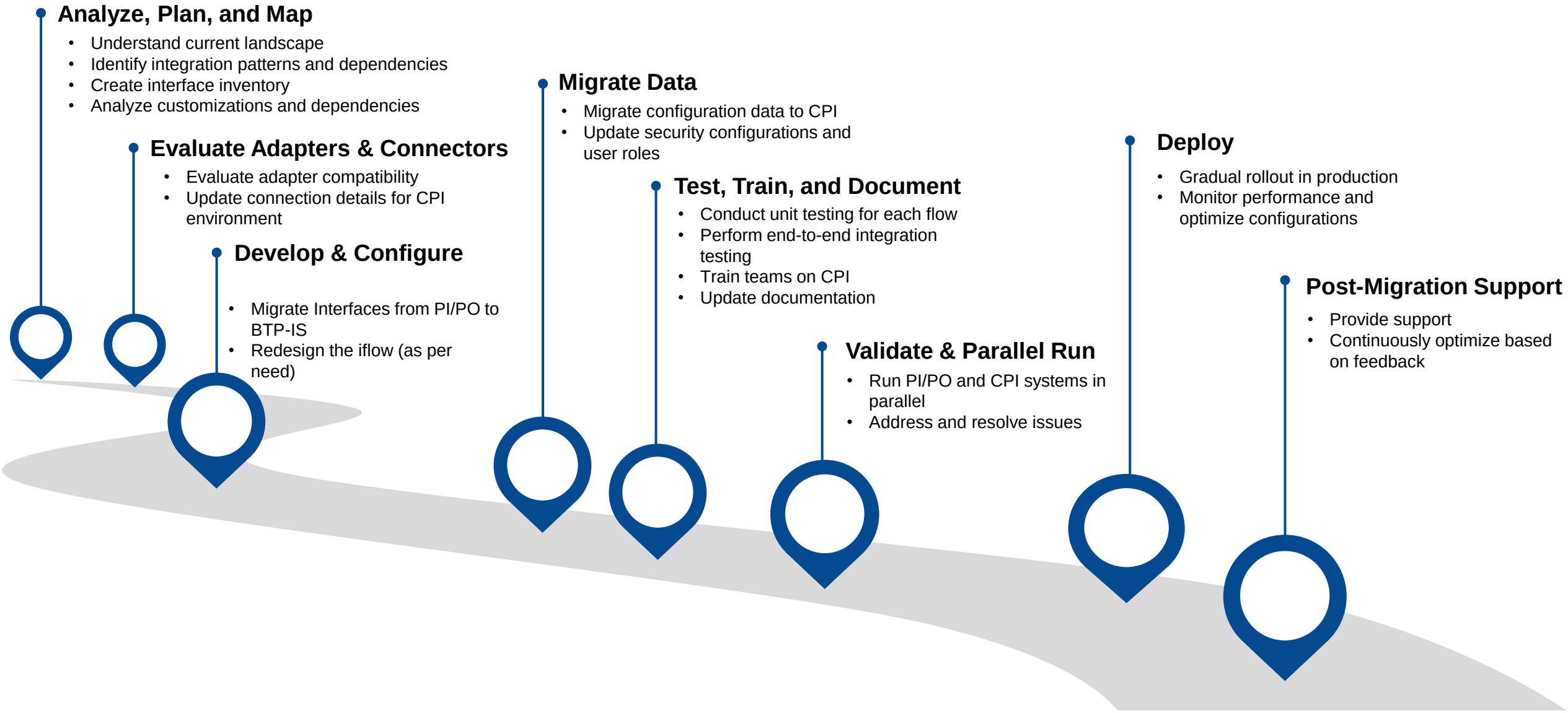
Typical Roadmap for Migration from PI/PO to SAP BTP Integration Suite



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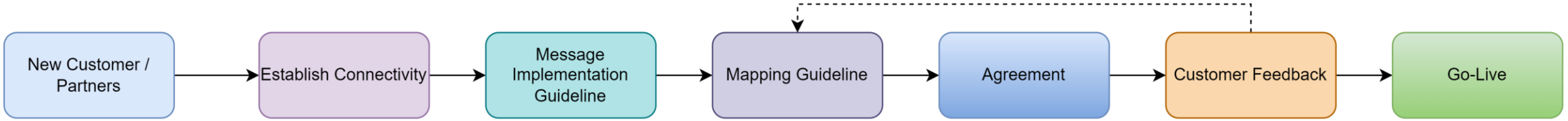
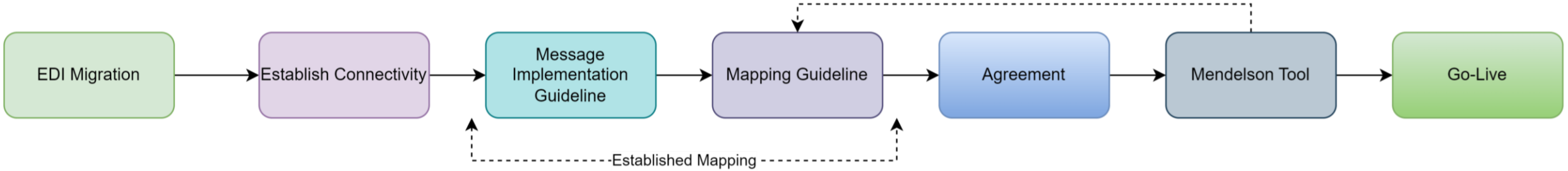
SAP BTP Integration Suite B2B Use Case – New & Migration

New EDI Agreements Implementation | Time to Go-Live: Average 3-4 weeks



EDI Migration | Time to Go-Live: Average 1-2 weeks



- Focuses on AS2 connectivity (Sync)
- Cost: Much less compared to External EDI Services

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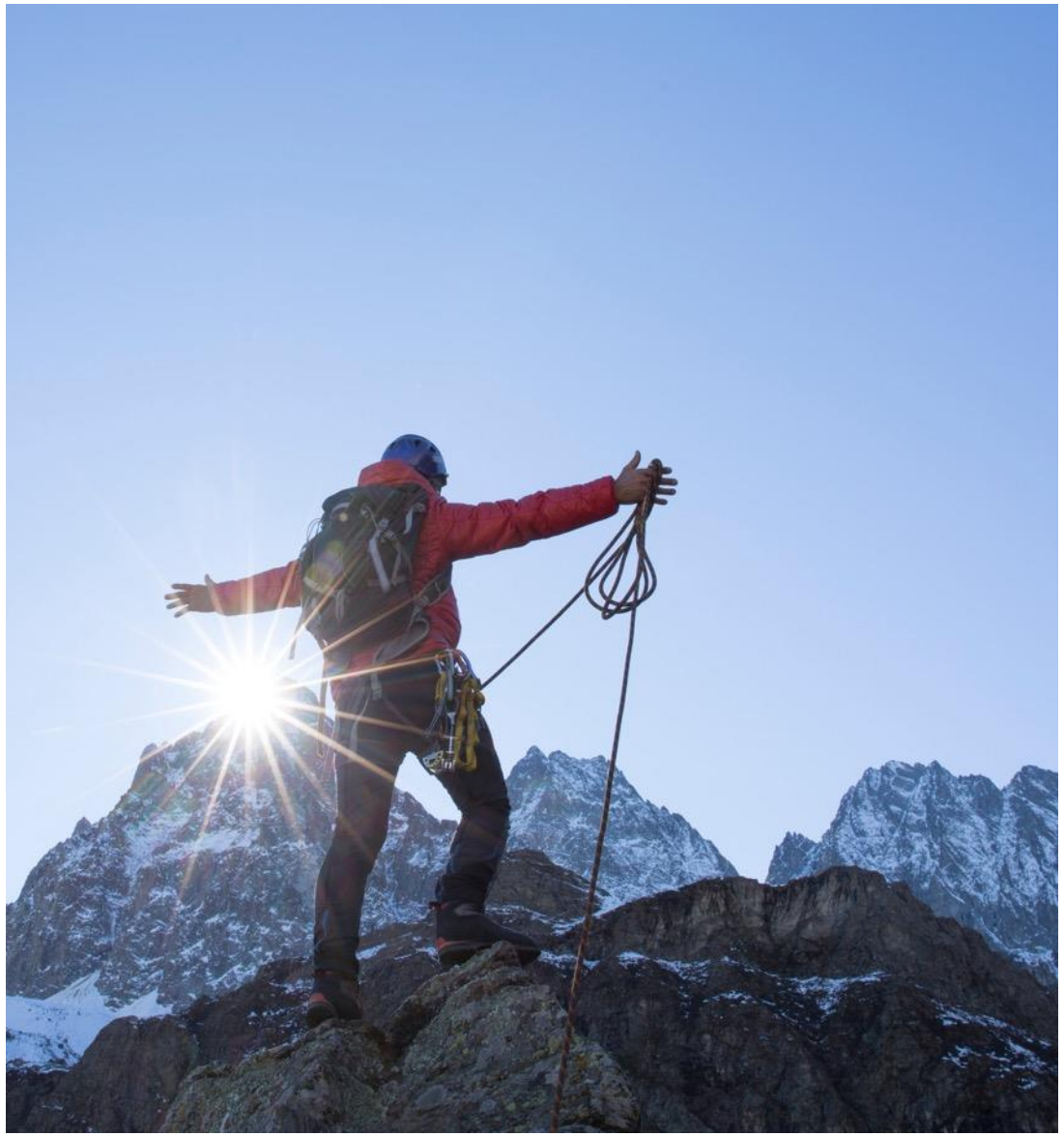
Challenges & Lessons Learned

	Challenges and Learnings
1	Invest time in understanding the data models of both systems and create comprehensive data mapping documentation.
2	Implement a comprehensive error handling strategy with clear logging and notification mechanisms.
3	Implement transactional boundaries and rollback mechanisms where necessary.
4	Foster collaboration between teams. Align on data models and business processes to ensure a cohesive integration strategy.
5	Data formats, mappings, and transformations may need adjustments to align with the BTP-IS requirements.



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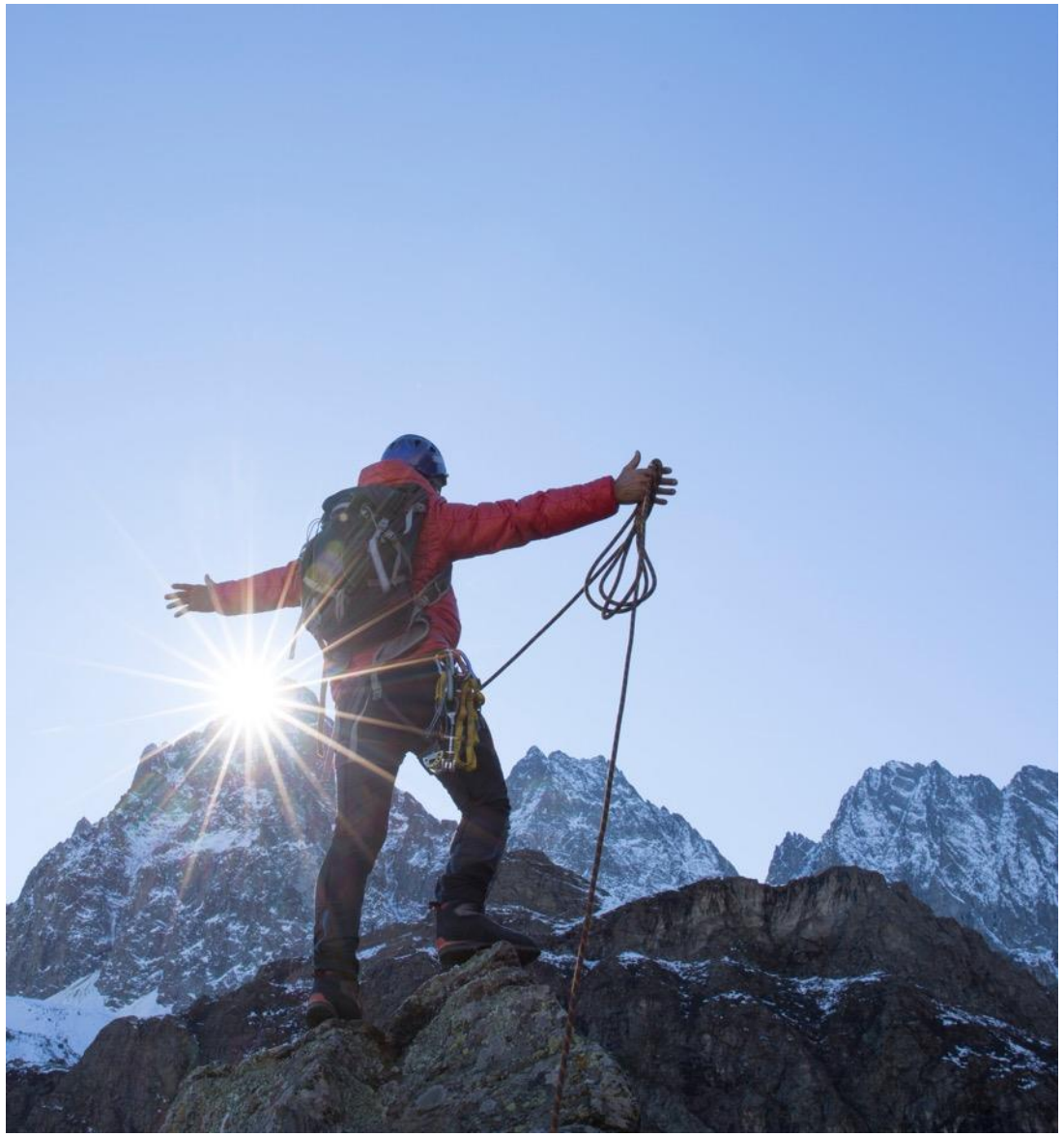
Challenges & Lessons Learned

	Challenges and Learnings
6	Replicating or migrating custom developments and extensions customizations to the BTP Integration Suite might require additional effort and testing.
7	Invest in comprehensive testing, including unit tests, integration tests, and end-to-end tests.
8	Regularly monitor integration flows and address performance issues promptly.
9	Training existing staff on the new platform and transferring knowledge about its features and best practices are essential for smooth adoption.



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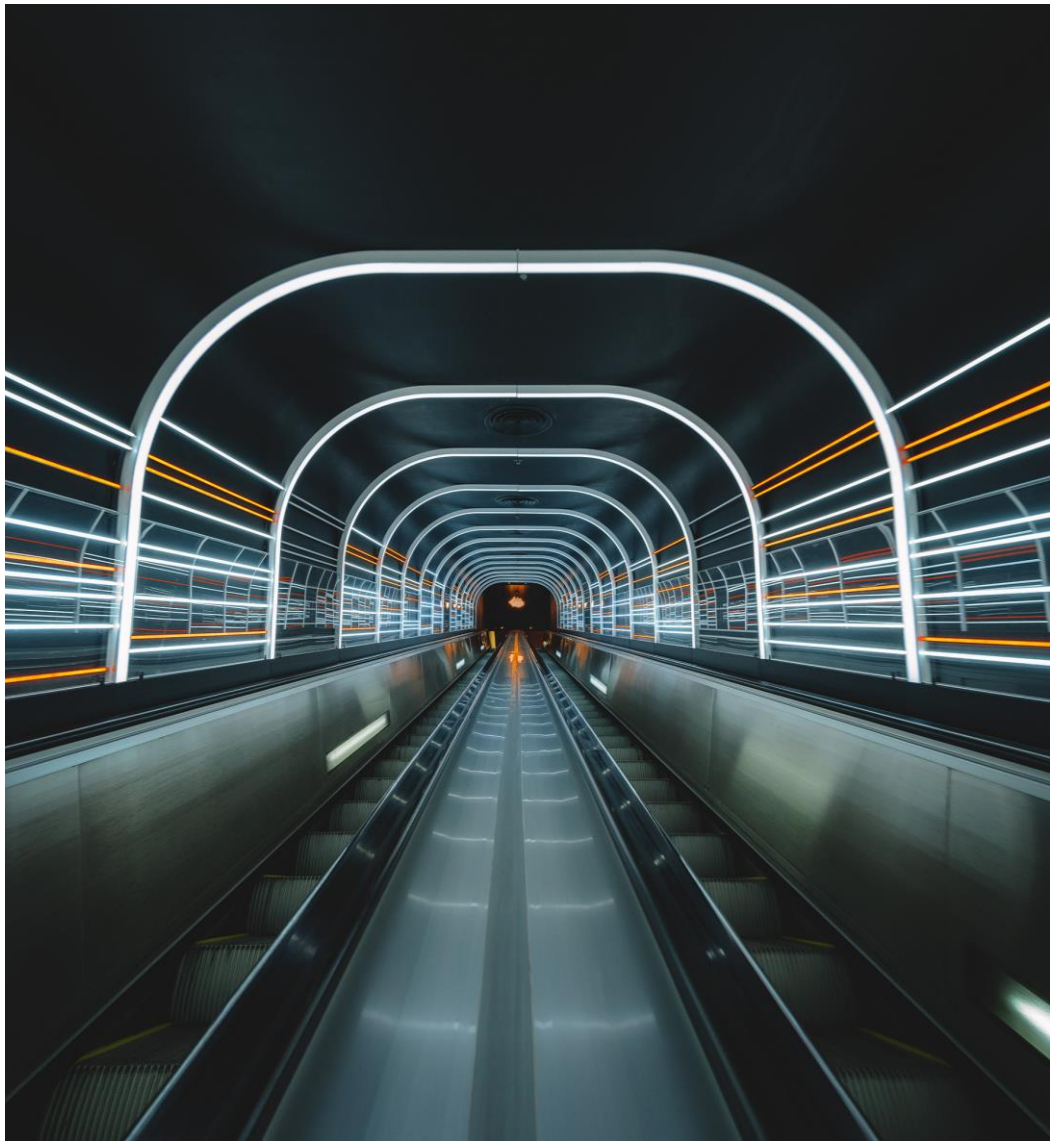
GyanSys Accelerators and Automation

GyanSys Innovations
Channel API to List Every Configuration of PI/PO
Flat File to IDOC XML and Vice-Versa Conversion
PGP Key Automator
SSH Keys Extractor
Certificate Management Alerts
Smart Error Handler Integrated w/Ticketing Tools



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Key Takeaways

	Top Takeaways for Your Migration to SAP BTP Integration Suite
1	Ensure alignment between the migration project and the organization's broader digital transformation strategy.
2	Implement a comprehensive error handling strategy with clear logging and notification mechanisms.
3	Implement transactional boundaries and rollback mechanisms where necessary.
4	Data formats, mappings, and transformations may need adjustments to align with the BTP-IS requirements.
5	Implement comprehensive testing procedures to validate migrated interfaces and processes.
6	Establish robust monitoring and optimization practices to maintain the performance and reliability of the migrated solution.
7	Treat the migration as a continuous improvement process rather than a one-time event.

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Any Questions?

Thank You!

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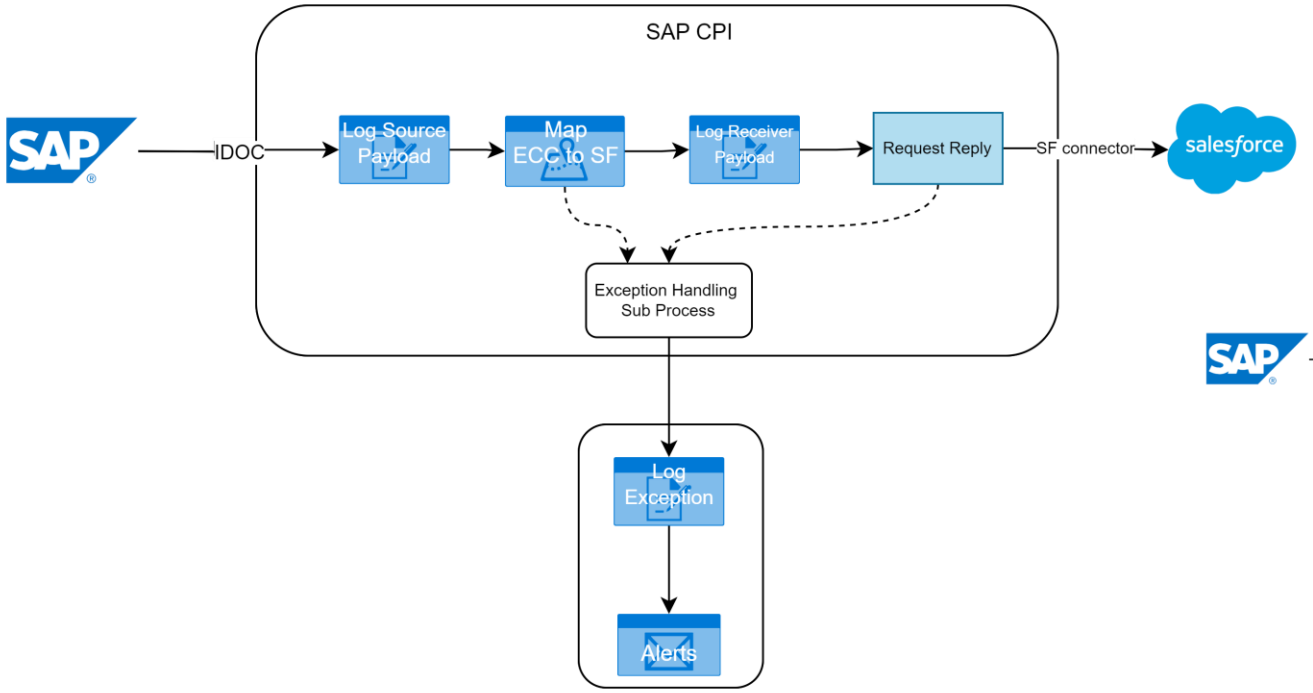
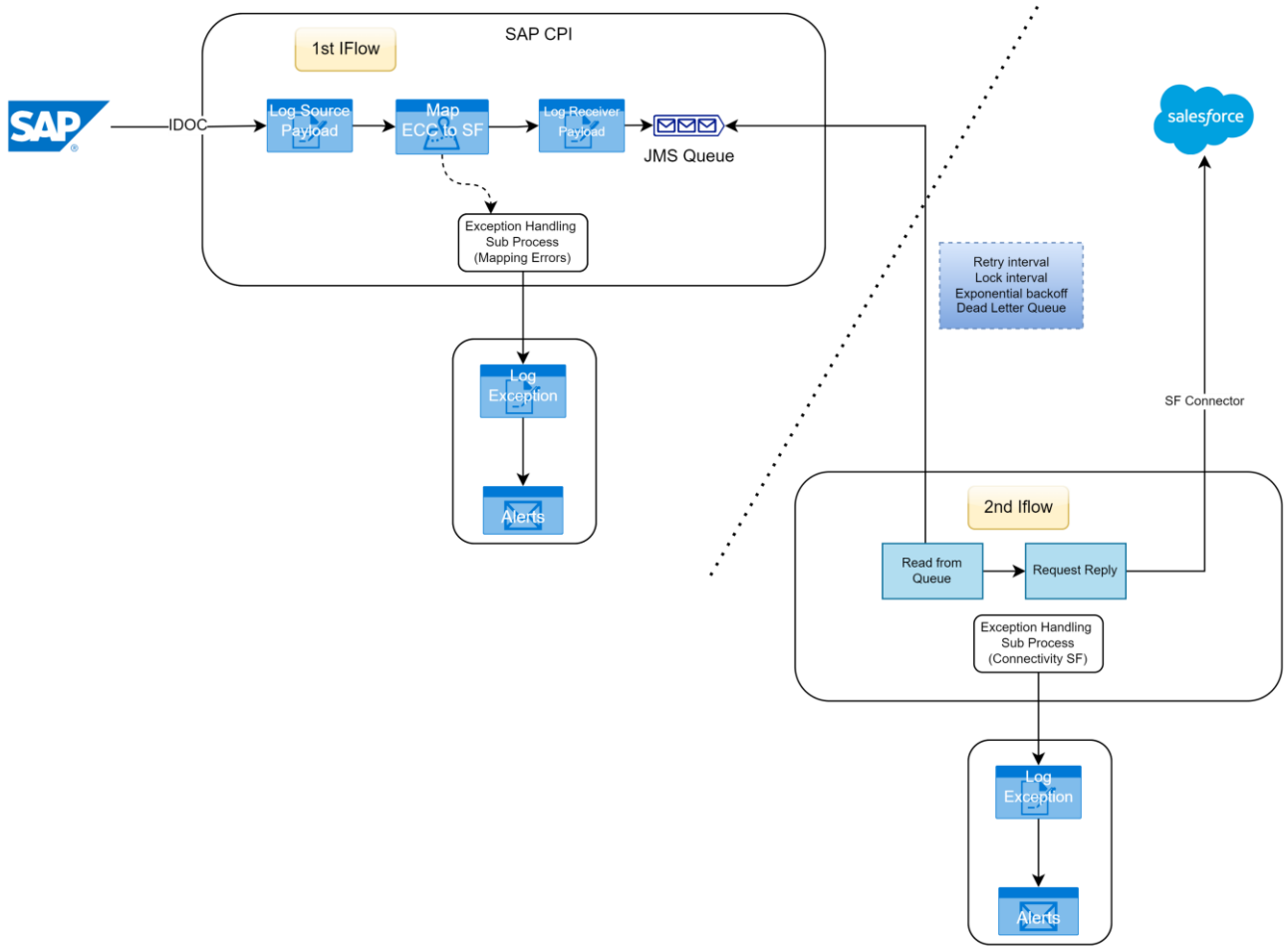
SAP BTP Integration Suite A2A Use Case – SAP to Salesforce



A2A - Master Data

A2A – Transactional Data



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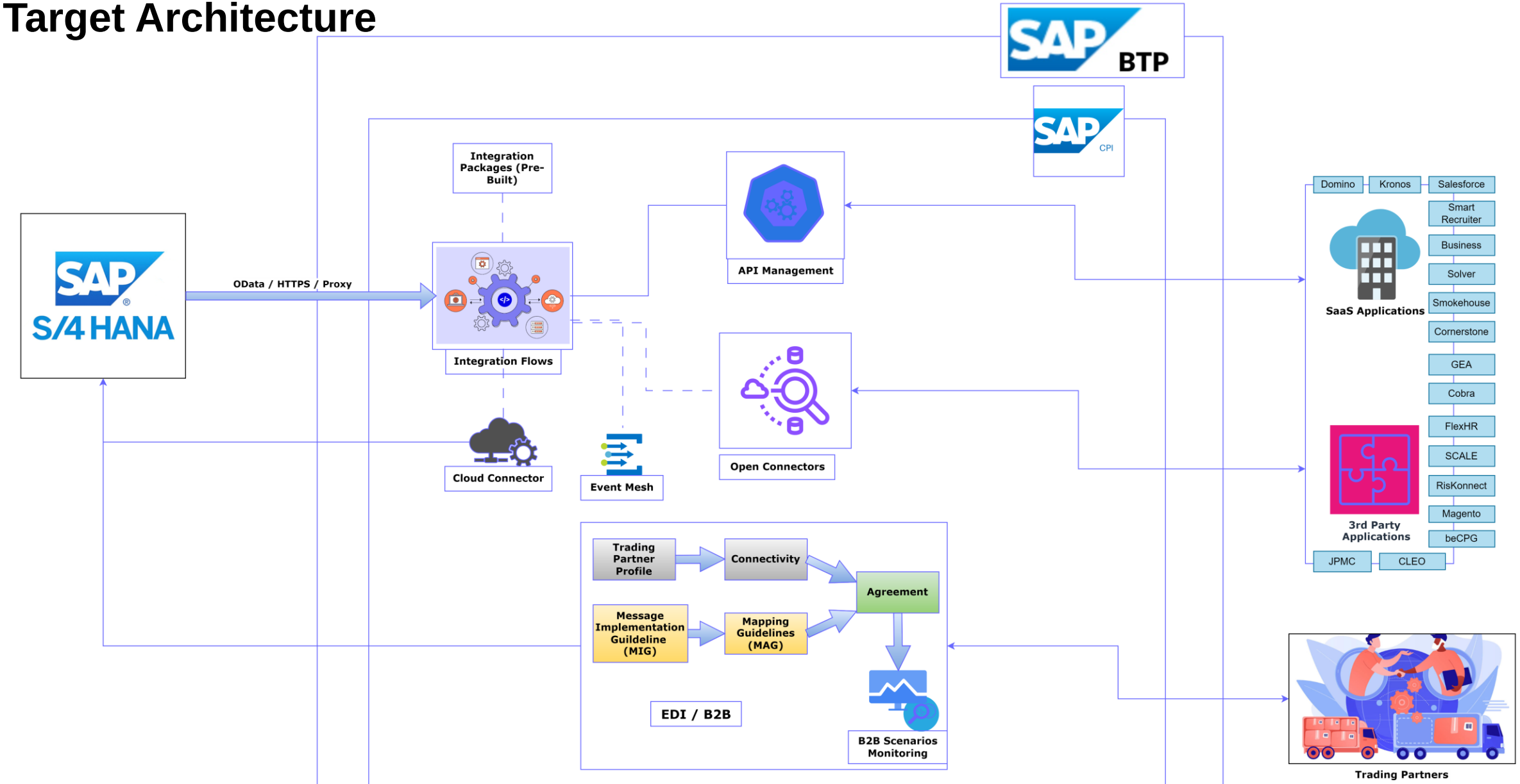
Target Architecture



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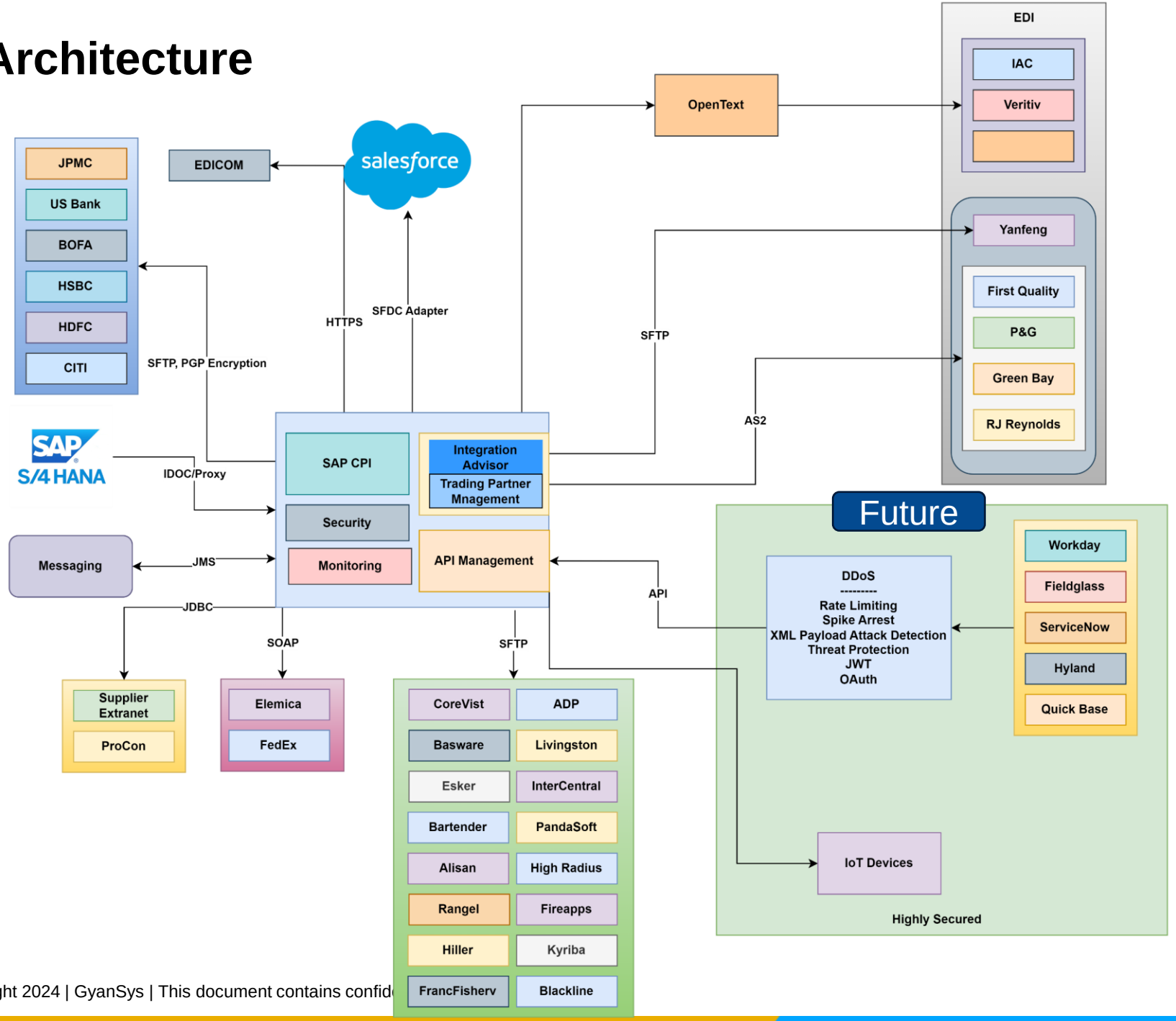
Integration Architecture



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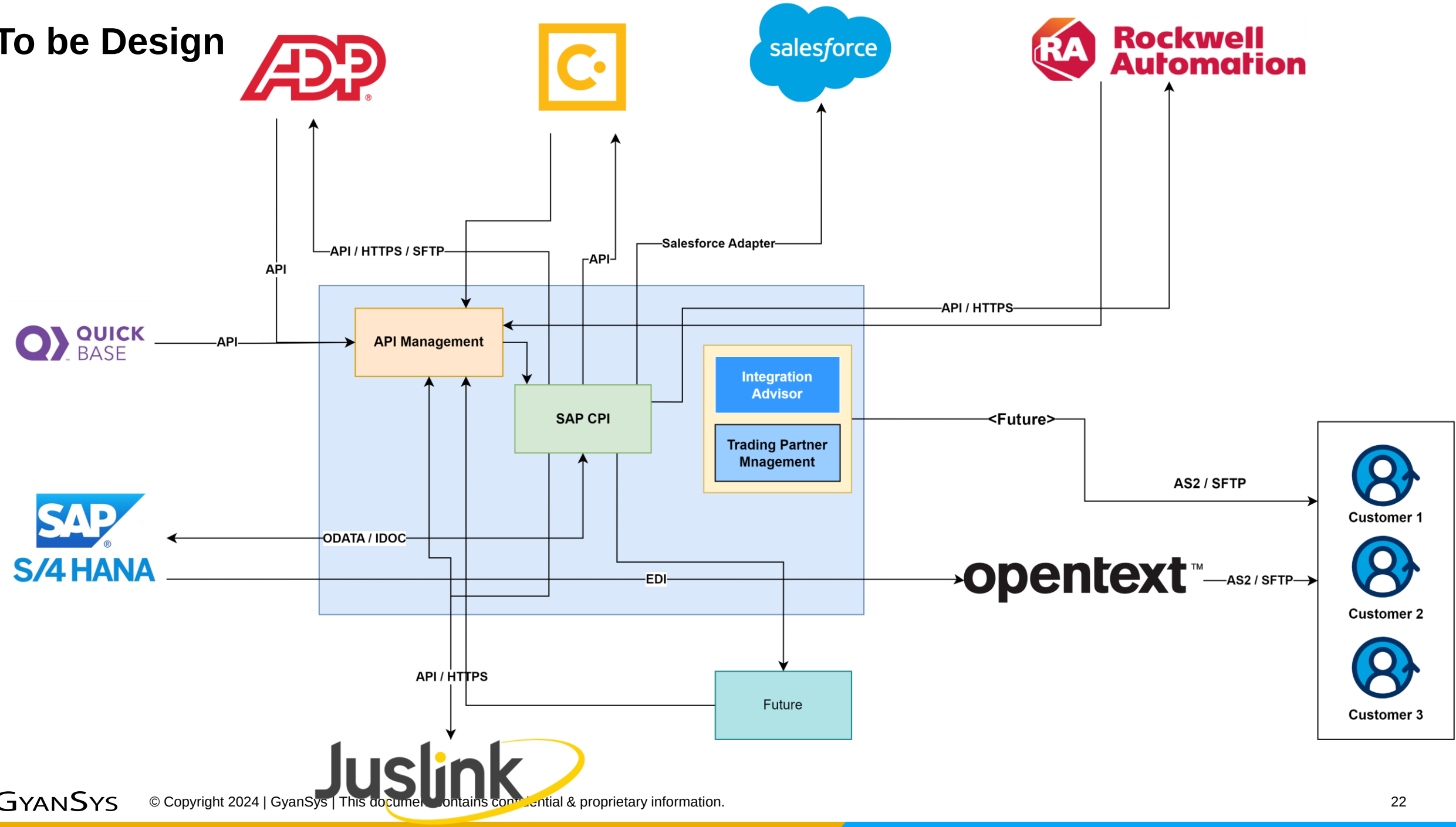
To be Design



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